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## FACSIMILE TRANSMISSION

|                            |                |                |           |
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| from:                      | facsimile:     | telephone:     | initials: |
| Diana L. Bush, Ph.D., Esq. | (858) 720-2555 | (858) 720-2885 | DLB4      |

|              |                              |                     |                 |
|--------------|------------------------------|---------------------|-----------------|
| client name: | Metabasis Therapeutics, Inc. | client matter       | 45198.00042.RCE |
| date:        | July 13, 2004                | number:             |                 |
|              |                              | pages (with cover): | 55              |

|  |                 |              |              |
|--|-----------------|--------------|--------------|
| to:                                    | company/office: | facsimile:   | telephone:   |
| Examiner T. McKenzie,<br>Art Unit 1624 | USPTO           | 703-872-9306 | 571-272-0670 |

## comments:

U. S. Patent Application No. 09/801,933  
NOVEL ARYL FRUCTOSE-1,6-BISPHOSPHATASE INHIBITORS  
Applicant: Bookser et al.  
Filing Date: March 7, 2001  
Our Ref: 45198.00042.RCE

Attached hereto are the following documents for filing in the above patent application:

1. Amendment and Remarks
2. Transmittal Letter

CERTIFICATE OF TRANSMISSION  
(37 C.F.R. § 1.8)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

July 13, 2004  
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Kimila Carraway

Name of Person Transmitting Paper

Kimila Carraway

Signature of Person Transmitting Paper

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Patent  
45198.00042.RCE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Applicant: Bookser et al.

Serial No.: 09/801,933

Filed: March 7, 2001

For: NOVEL ARYL FRUCTOSE-1,6-  
BISPHOSPHATASE INHIBITORS

Group Art Unit: 1624

Examiner: T. McKenzie

TRANSMITTAL LETTERMail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed are the following documents:

- Amendment and Remarks;
- This Transmittal Letter.

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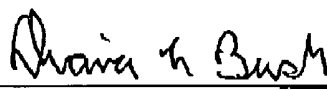
Signature of Person Transmitting Paper

Patent  
45198.00042.RCE

The Commissioner is authorized to charge any fee required, or to credit any overpayment, to our Deposit Account No. 50-2613.

Respectfully submitted,

Dated: 7/13/04

By:   
Diana L. Bush, Ph.D., Esq.  
Reg. No. 51,109

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Patent  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: **Bookser et al.**

Serial No.: 09/801,933

Filed: March 7, 2001

Title: **NOVEL ARYL FRUCTOSE-1,6-  
BISPHOSPHATASE INHIBITORS**

Group Art Unit: 1624

Examiner: T. McKenzie

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REMARKS**

Dear Sir:

This amendment and remarks address the issues raised by the Examiner in a Final Office Action dated May 27, 2004. Applicants believe this Response is timely filed within 2 months of the issuance of the Final Office Action. It is respectfully submitted that entry of the following Amendment and Response will place the application in condition for Allowance.

The Commissioner is hereby authorized to charge and any fees that may become due or credit become payable during the pendency of this application Deposit Account No. 50-2613.

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